

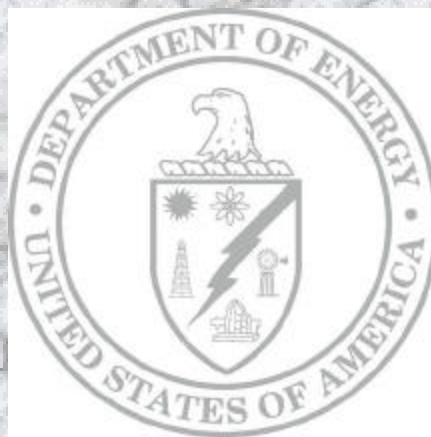
National Science Bowl®



2002
National Science Bowl®
U.S. DEPARTMENT OF ENERGY

A Snapshot Book

The National Science Bowl®: 11 Years of Promoting Science Education



U.S. Department of Energy

National Science Bowl®



Science Bowl is a Math and Science Academic Competition that is set in a question-and-answer or “quizbowl” format. Teams of four students race to answer toss-up questions and then work together to solve bonus questions.



U.S. Department of Energy

National Science Bowl®



Students compete to answer questions in the categories of: mathematics, earth science, computer science, general science, chemistry, physics, astronomy, and biology.

U.S. Department of Energy

National Science Bowl®



The final rounds are competed in front of an audience and with a special guest moderator. Shown here is Ira Flatow, science show host on NPR Radio.

U.S. Department of Energy

National Science Bowl®

Science Bowl is unique because the participants come from diverse geographical, gender, ethnic, and socioeconomic backgrounds. In 2001, they came from 39 states, the District of Columbia, and the U.S. Virgin Islands.



*Antilles High School,
U.S. Virgin Islands*



U.S. Department of Energy

National Science Bowl®



Science Bowl has had many dedicated sites over the years. More than 15 sites have been rewarded for 10 years of supporting regional competitions.

U.S. Department of Energy

National Science Bowl®



Secretary of Energy Spencer Abraham

Department of Energy offices, government agencies, universities, and other educational organizations sponsor an annual regional competition in January or February. The winners from each regional win an all-expense paid trip to Washington in May to compete for the national title.

U.S. Department of Energy

National Science Bowl®

Science Bowl is unique among other academic competitions because:

- Team Format
- All the sciences
- Long Tradition
- Run by Volunteers
- Diverse participation
- Target Audience usually studies the sciences, math, or engineering in college



Regional Coordinators

U.S. Department of Energy

National Science Bowl®

Theme for 2002

“Dive Into Science”

- 12,000 students in the nation
- 61 regional competitions
- 61 regional winning teams of 4-5 students compete in Nationals



U.S. Department of Energy

National Science Bowl®

Thousands of volunteers at the local and national level who make this run smoothly.

Volunteers:

- Coordinate the competition
- Register teams
- Keep time
- Keep score
- Judge the rules
- Moderate the questions
- Review the questions



U.S. Department of Energy

National Science Bowl®



*Studying in between
competition rounds*

U.S. Department of Energy

National Science Bowl®



National Champions in 2001
North Hollywood High School
from North Hollywood, CA

U.S. Department of Energy

National Science Bowl®



2001 Civility Award Winner
Benson Polytechnic High School
from Portland, Oregon

Teamwork and responsible
behavior are rewarded with a
trophy, IBM ThinkPads, and a
science research trip.

U.S. Department of Energy

National Science Bowl®



Students participate in enrichment activities at the regional level. At the national competition, students participate in seminars the day before the competition. Speakers are professional scientists who cover a wide variety of interesting cutting-edge topics, such as genetic manipulation, astrophysics, information technology, biochemistry, plasma science, alternative energy and robotics.

U.S. Department of Energy

National Science Bowl®

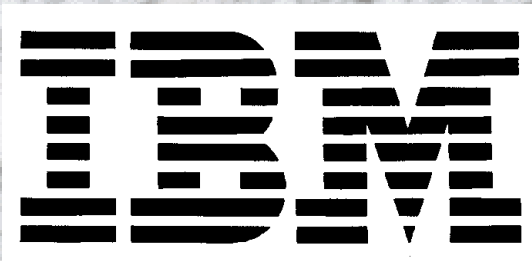


Science Bowl Alumni are invited back to act as officials. Most students have gone on to pursue degrees and careers in the sciences, math, engineering, or teaching.

U.S. Department of Energy

National Science Bowl®

Thanks to the sponsors who make this
program possible.



U.S. Department of Energy